MARIE

MANAGER

S E C R E T Ø3184ØZ

1966 MAY 3 13 52 DUT58412

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SUBJ: EVALUATION OF MISSION CØ76C

- 1. CAMERAS 17 (AFT) AND 18 (FWD) WERE EMPLOYED ON MISSION CØ76C FLOWN ON 19 APRIL 1966. PROCESSING WAS ACCOMPLISHED IN THE FIELD.
 - 2. ORIGINAL NEGATIVE:
- A. THE MATERIAL APPEARS TO HAVE BEEN ADEQUATELY

 EXPOSED. THE RESOLUTION IS GOOD WHERE NOT DEGRADED BY WEATHER

 CONDITIONS.
- B. AFT CAMERA: LONGITUDINAL MINUS DENSITY STREAKS,

 LOCATED Ø.6" AND 1.9" FROM THE TITLED EDGE OF THE FILM, ARE

 PRESENT THROUGHOUT THE MISSION. MINOR FOG APPEARS PERIODICALLY
 ON BOTH FILM EDGES THROUGHOUT. THE DATA BLOCK FRAME COUNTER

 FAILED TO OPERATE UNTIL TITLED FRAME 195. IT PERFORMED SATISFACTORILY TO FRAME 204 BUT FAILED THEREAFTER. FRAMES 289 THRU
 295 ARE OVERPROCESSED AND STAINED. A MANUFACTURER'S SPLICE IS
 IN FRAME 236. SEVERE LONGITUDINAL EMULSION SCRATCHES ARE ALSO
 IN FRAME 236 AND MAY BE RELATED TO THE SPLICE. A PROCESSING
 BREAK DOWN SPLICE IS LOCATED BETWEEN FRAMES 248/249. FROM THE
 BREAK DOWN SPLICE THROUGH FRAME 264 THERE ARE NUMEROUS, SEVERE

 SCRATCHES AND EMULSION LIFTS WHICH HIGHLY DEGRADE THE IMAGERY.
 - C. FWD CAMERA: A MINUS DENSITY STREAK, LOCATED Ø.7"

Sanitized

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- 2-

FROM THE TITLED EDGE OF THE FILM, IS PRESENT THROUGHOUT THE MISSION. SEVERAL SCRATCHES ARE NEAR THE TITLED EDGE OF FRAME 192. MINOR EDGE FOG IS PRESENT THROUGHOUT. THE DATA BLOCK FRAME COUNTER APPARENTLY PERFORMED SATISFACTORILY ON THE FWD CAMERA, BUT IT IS PARTIALLY OBSCURED AND DIFFICULT TO INTERPRET. A BASE INDENTED CREASE IS NEAR THE TITLED EDGE OF FRAME 510. ABRASIONS ARE PRESENT ON THE EMULSION SIDE OF THE FILM ON FRAME 18 AND CONTINUE TO A MANUFACTURER'S SPLICE WHICH IS IN FRAME 21.

- D. BOTH CAMERAS: THE FILM CLASSIFICATION WAS TITLED DIRECTLY OVER THE BINARY. PINHOLES AND FINE LONGITUDINAL ABRASIONS ARE PRESENT THROUGHOUT. PRONOUNCED BANDING IS PRESENT ON APPROXIMATELY THE FIRST 2.0" OF THE TAKE-UP END OF EACH FRAME. BANDING, TO A LESSER DEGREE, IS PRESENT THROUGHOUT THE FRAMES, BUT IS ONLY DETECTABLE WHERE CONTRAST AND DENSITY PERMIT. (EXAMPLES: FRAMES 418 THRU 449). SEVERAL HEAT SPLICES (DUE TO EDITING) ARE PRESENT IN THE EARLY PORTION OF THE MISSION. THE FILM FROM BOTH CAMERAS WAS TITLED CONSECUTIVELY (AFTER THE EDITING) FROM FRAME 1 THRU 792.
- E. REMARKS: THE CAMERA SYSTEM MALFUNCTIONS AND PRO-CESSING ANOMALIES ARE COVERED IN SECTIONS 2B AND 2C.
 - 3. POSITIVE:
 - A. THE PI SUITABILITY IS GOOD WHERE NOT DEGRADED BY

-3-

CLOUDS AND HAZE.

- B. THE PRINTING AND PROCESSING OF THE POSITIVES WERE GOOD.
- C. CLOUDS OBSCURE APPROXIMATELY 25 PERCENT OF THE MISSION.

SECRET

-END OF MESSAGE-